

## CLAIMS

1. A method for communicating information representative of a number of spreading codes allocated to at least one mobile station in communication with a base station of a mobile telecommunication system, comprising:

selecting one or more midambles from a set of available midambles in accordance with a value of a binary element of a binary word representative of said number, wherein said set of available midambles is formed by shifting a basic midamble with different cyclic shifts; and

transmitting in a transmission burst a composite midamble derived from the selected one or more midambles representative of said binary word.